

 <p>CARLO GAVAZZI SPACE SpA</p>	<h1>AMS02-PDS</h1>	<p>DOC N°: PDS-RP-CGS-015</p> <p>ISSUE : 1      DATE: 06/06/2008</p> <p>PAGE : 1 of 1</p>
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## INSPECTION REPORT

<p>APPLICABLE DOC. REF.</p> <p>AMS02-PDS PFM Manufacturing and Inspection Plan PDS-PL-CGS-001 is. 1</p>	<p>PROC. REF.</p> <p>N.A.</p>	
<p>ITEM INSPECTED (Name, P/N, S/N) AMS02-PDS PFM – Input Stage Board Assy p/n:11-AMS02PDS-200.00 s/n:01— Inspection Point.</p>		
<p>REQUIREMENT SATISFIED</p> <p>Manufacturing according to aerospace standards</p>		
<p>INSPECTION (Action/Results)</p> <p><b>DESCRIPTION</b></p> <p>Inspection was performed at Carlo Gavazzi Space premises starting on 06 June 2008 and was carried out on the following board, detail of the inspected board was below reported:</p> <p>1) Input Stage Board Assy p/n:11-AMS02PDS-200.00 s/n:01 (pcb s/n:A1-A).</p> <p><b>HARDWARE REVIEW</b></p> <p>1) Input Stage Board Assy p/n:11-AMS02PDS-200.00 s/n:01 (pcb s/n:A1-A), Assy:11-AMS02PDS-200.00 rev./, Parts List:11-AMS02PDS-200.01rev.A, Electrical Scheme:11-AMS02PDS-200.02 rev./, Master PCB:11-AMS02PDS-200.03 rev./.</p> <p>The following PLVss (Parts List Variation Sheet) were presented during the inspection:</p> <ul style="list-style-type: none"> <li>• 11-AMS02PDS-200.01 rev A – A1 can be considered closed.</li> <li>• 11-AMS02PDS-200.01 rev A – A2 can be considered closed.</li> <li>• 11-AMS02PDS-200.01 rev A – A3 can be considered closed</li> </ul> <p>The following NCR was presented during the inspection:</p> <ul style="list-style-type: none"> <li>• NCR-PDS-CGS-C-050(electronic components assembly problem), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue all components with adhesive EC 2216 B/A, perform a visual inspection of the previous rework.</li> </ul> <p>On the pcb the following components are not mounted:D1, D2, Q1, Q2, Q3, Common Inductor 11-AMS02PDS-200.06 rev./ and Differential Inductor 11-AMS02PDS-200.07 rev./.</p> <p>The H/W has been visually inspected and is ok: no damage, visible clean is ok.</p> <p><b>CONCLUSION</b></p> <p>All solder joints are of adequate quality, the soldering process complies to ECSS-Q-70-08 and ECSS-Q-70-38. The open points are here listed:</p> <ol style="list-style-type: none"> <li>1) On the pcb the following components are not mounted:D1, D2, Q1, Q2, Q3, Common Inductor 11-AMS02PDS-200.06 rev./ and Differential Inductor 11-AMS02PDS-200.07 rev./.</li> <li>2) NCR-PDS-CGS-C-050(electronic components assembly problem), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue all components with adhesive EC 2216 B/A, perform a visual inspection of the previous rework.</li> </ol>		
Operator	Quality Assurance	C.C.
Signature	E. FRANCHINI	C. CINQUEPACCHI
Date	06/06/08	16/06/08